

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A cask comprising:

a basket including a plurality of rectangular plate members capable of absorbing neutrons and alternately plied up vertically, the members each having a plurality of cutting sections for mutually plurality engaging the plurality of rectangular plate members, the rectangular plate members forming a plurality of cells each configured to hold a spent fuel assembly, the basket having a cross section having a plurality of stepped corners;

a barrel main body having a unitary construction which shields γ rays and has an inner cavity having a shape cavity cross-section corresponding to complementing the cross-section an outer shape of the basket such that the barrel main body and the basket are substantially in close contact with each other; and

a neutron shielding body provided in an outer periphery of the barrel main body.

2. (cancelled)

3. (currently amended) A cask ~~The cask according to claim 1, further~~ comprising:

a basket including a plurality of rectangular plate members capable of absorbing neutrons and alternately piled up vertically, the plurality of rectangular plate members each having a plurality of cutting sections for mutually engaging the plurality of rectangular plate members, the rectangular plate members forming a plurality of cells each configured to hold a spent fuel assembly, the basket having a cross section having a plurality of stepped corners;

a barrel main body having a unitary construction which shields γ rays and has an inner cavity;

a plurality of dummy pipes provided along and in contact with the each of stepped corners of the basket, wherein a ~~the~~ cavity cross section of the inner cavity corresponds with a

arose section of an outer shape formed by the plurality of dummy pipes and the basket in contact with each other, and the plurality of dummy pipes are inserted within the inner cavity together with the basket; and

a neutron shielding body provided in an outer periphery of the barrel main body.

Claim 4 (previously amended): The cask according to claim 3, wherein both ends of each of the plurality of dummy pipe are closed.

Claim 5 (previously amended): The cask according to claim 4, wherein the plurality of dummy pipes each includes a heat conduction medium therein.

Claim 6-12 (withdrawn)

Claim 13 (new): The cask according to claim 5, wherein the heat conduction medium in the plurality of dummy pipes comprises a helium gas.

Claim 14 (new): The cask according to claim 3, wherein the plurality of dummy pipes comprise an aluminum alloy containing boron.

Claim 15 (currently amended): A cask comprising:

a basket having a cross section having a plurality of stepped corners; and

a barrel main body having a unitary construction and a cavity having a shape corresponding to an outer shape complementing the cross-section of the basket such that the barrel main body and the basket are substantially in close contact with each other.

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